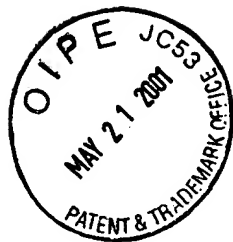


Patent Abstracts of Japan



PUBLICATION NUMBER : 11095802
PUBLICATION DATE : 09-04-99

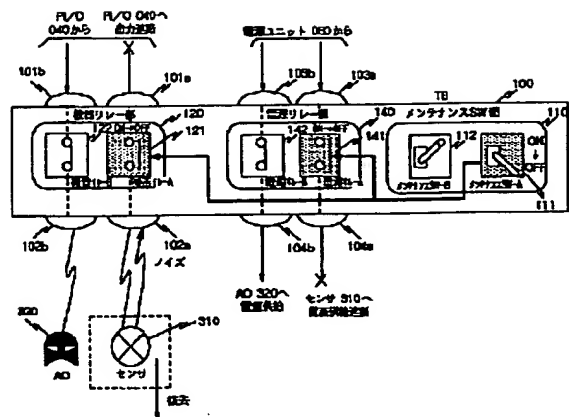
APPLICATION DATE : 22-09-97
APPLICATION NUMBER : 09256461

APPLICANT : HITACHI LTD;

INVENTOR : SHIMIZU KATSUTO;

INT.CL. : G05B 9/02 G05B 23/02 G05B 23/02

TITLE : TB WITH MAINTENANCE SW



ABSTRACT : PROBLEM TO BE SOLVED: To prevent noise from being transmitted from control equipment in the power-off state by turning off the control equipment power source for a sensor, etc., and the signal path between the control equipment and PI/O associatively.

SOLUTION: An equipment relay part 120 which has an equipment relay A121 and an equipment relay B122 cuts off power supply to the signal path between the control equipment and PI/O from the sensor 310 and to the sensor 310 associatively with the turning-off operation of a maintenance SW part 110 having a maintenance SW-A111 and a maintenance SW-B112. Consequently, noise transmission from the control equipment when power-off can be prevented, thereby preventing a plant accident from occurring and expanding owing to malfunction in replacement maintenance operation.

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